

Substitute for Form 1449 A &amp; B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

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Complete if Known

Application Number 10/069,075  
 Confirmation Number 9112  
 Filing Date February 21, 2002  
 First Named Inventor Norio TAKAGI  
 Art Unit 1775  
 Examiner Name Not Yet Assigned  
 Attorney Docket Number Q68593

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
WJD		US 5,654,394	A	08-05-1997	Miyakawa et al.
WJD		US 4,478,772		10-23-1984	Takagi et al.
WJD		US 4,604,453		08-05-1986	Kuze et al.
		US			
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
WJD		JP	62-196118	A	08-29-1987	Teijin Limited	Abstract
		JP	47-3917		02-03-1972	Unitika Ltd.	Claims 1 & 2
		JP	48-4465		02-08-1973	Toray Industries, Inc.	Claim 1
		JP	57-51426	A	03-26-1982		Abstract
		JP	3-65775	B2	10-15-1991		Abstract
		JP	10-217307	A	08-18-1998		Abstract
		JP	54-8672		01-23-1979		Abstract
		JP	5-177702	A	07-20-1993		Abstract
		JP	62-189133	A	08-18-1987	Toyobo Co., Ltd.	Abstract
		JP	2000-127221	A	05-09-2000	Toray Industries Inc.	Abstract
WJD		JP	6-118558	A	04-28-1994	Mitsubishi Paper Mills Ltd.	Abstract

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

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TC 1700 6/28/04

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Substitute for Form 1449 A & B/PTO 			Complete if Known	
			Application Number	10/069,075
			Confirmation Number	9112
			Filing Date	February 21, 2002
			First Named Inventor	Norio TAKAGI
			Art Unit	1775
			Examiner Name	Not Yet Assigned
Sheet <u>1</u> of <u>1</u>			Attorney Docket Number	Q68593

U.S. PATENT DOCUMENTS					
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		Number	Kind Code <sup>2</sup> (if known)		
W.D.V.		US 4,478,772		10-23-1984	Takagi et al.
W.D.V.		US 4,604,453		10-05-1986	Kuze et al
W.D.V.		US 4,519,757		05-28-1985	Wittkopf et al
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W.D.V.		Japan	2000-127221	A	05-09-2000	Toray Ind Inc	Abstract
		Japan	62-196118	A	08-29-1987	Teijin, Ltd.	Abstract
		Japan	06-118558	A	04-28-1994	Mitsubishi Paper Mills Ltd	Abstract
		Japan	62-189133	A	08-18-1987	Toyobo Co Ltd.	Abstract
		EP	0 676 269	A2	10-11-1995	Toray Industries, Inc.	
		EP	0 943 414	A1	09-22-1999	Toray Industries, Inc.	
W.D.V.		EP	0 372 829	A2	06-13-1990	Kureha Kagaku Kogyo Kabushiki Kaisha	

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Examiner Signature	<i>M. Vaugel</i>	Date Considered	6/29/04
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				Application Number	Not Yet Assigned
				Confirmation Number	Not Yet Assigned
				Filing Date	February 21, 2002
				First Named Inventor	Norio TAKAGI
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
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MDJ		US 5654394		08/05/97	
MDJ		US 4478772		10/23/84	
MDJ		US 4604453		08/05/86	
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MDJ		JP	2000-127221		05/09/00		
MDJ		JP	62-196118		08/29/87		
MDJ		JP	6-118558		04/28/94		
MDJ		JP	62-189133		08/18/87		

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MDJ		International Search Report	

Examiner Signature	<i>M. Vargatz</i>	Date Considered	6/28/04
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MDV		US 5654394		08/05/97	
MDV		US 4478772		10/23/84	
MDV		US 4604453		08/05/86	
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MDV		JP	6-118558		04/28/94		
MDV		JP	62-189133		08/18/87		

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MDV		International Search Report	

Examiner Signature <i>M. Vargay</i>	Date Considered      6/28/04
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